

VOLUME CONTENTS

Volume 234

ARTICLES

ANOSOVA, J. and K. TANIKAWA / Binaries in the Universe. Possible Dynamical Mechanisms of Formation, Evolution and Disruption of Different Kinds of Constituents of the Universe	191-205
BEECH, MARTIN and ROBERT W. SLAWSON / Are There Really Blue Stragglers in Per OB1?	217-221
BELLENI-MORANTE, ALDO and GIUSEPPE SACCOMANDI / Time Dependent Photon Transport in a Three Dimensional Interstellar Cloud with Stochastic Clumps	85-105
BENVENUTO, O.G. and L.G. ALTHAUS / White Dwarf Evolution and Crystallization	11-25
BRUNINI, A., C.M. GIORDANO and A.R. PLASTINO / Numerical Exploration of the Dynamics of Self-Adjoint S-Type Riemann Ellipsoids	153-167
DE PAOLIS, F., G. INGROSSO and A. QADIR / The Multipole Expansion of the Radiation Field from a Relativistically Rotating Oblique Magnetic Dipole	57-61
DEHNEN, H., B. ROSE and K. AMER / Dark Matter Particles and the Flat Rotation Curves of Spiral Galaxies	69-83
EDALATI, M.T. and F. ZEINALI / The Photometric Observations of ER Vulpeculae: Photometric Analysis with the W-D Code	271-280
GAMALELDIN, A.I. / Optical Warps in Galaxies II. Apparent Optical Warps in Lenticular Galaxies	259-269
HERRERA, L. and N. FALCÓN / Convection Theory before Relaxation	139-152
KJURKCHIEVA, DIANA P. and DRAGOMIR V. MARCHEV / B and R Photometry of AM Her during 1993	207-215
LI, XIANGDONG and ZHENRU WANG / X-Ray Pulsars: Their Masses, Radii and Equations of State	39-48
MAHMOUD, FAROUK, M. / Temperature Variations of One Well-Known UV Ceti Type Flare Star	107-123
MARAVILLA, D., K.R. FLAMMER and D.A. MENDIS / The Nature of the Orbits of Charged Dust Injected into the Jovian Magnetosphere during the Tidal Break-Up of Comet Shoemaker-Levy 9	233-252
PASCOLI, G. / Axisymmetrical Models for the Origin and Shaping of Proto-Planetary Nebulae	281-301
PETRY, WALTER / Theory of Linear Cosmological Perturbations in Flat Space-Time Theory of Gravitation	177-190

RAM, SHRI and J.K. SINGH / Cosmological Models in Certain Scalar-Tensor Theories	325-334
ROMERO, G.E. / Fine-Scale Structure in Relativistic Jets and Rapid Variability in Blazars	49-55
SADAT, R. / Influence of the Non-Luminous Component on Dynamical and Structural Properties of Galaxy Clusters. Does X-Ray Gas Mimic the Missing Mass?	303-323
SALAHUDDIN, M., H. SALEEM, P.K. SHUKLA and G. MURTAZA / Self-Modulation of Plasma Waves in Equal Mass Plasmas	253-257
SEAL, PARAG / Infrared Measurements of Faint Symbiotic Stars	223-232
STEWART, P. / Galactic Chaos Driven by an Oscillating Massive Particle	63-68
VALLÉE, J.P. / Magnetic Field versus Gas Density, in Different Physical Conditions	1-10
XIANG, SHOU-PING / An Approximate Treatment of Density Perturbation of Neutrinos in Cosmic Dark Matter Models	27-37
ZHAO, REN-YANG / A Model of Solar (Radio) Active Regions	125-137

BOOK REVIEWS

Bode, Michael F., <i>Robotic Observatories</i> (E. BUDDING)	336-337
de Loore, C.W.H. and C. Doom, <i>Astrophysics and Space Science Library: Structure and Evolution of Single and Binary Stars</i> (E. BUDDING)	335-336
Jaschek, C. and M. Jaschek, <i>The Behaviour of Chemical Elements in Stars</i> (R.J. TAYLER)	337-338
In Memoriam Hannes Alfvén	173-175
List of Forthcoming Papers	169, 339
The 'KLUWER' LaTeX Style File	171, 343

